

WEST Search History

DATE: Monday, November 08, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L12	(short\$4 with (input adj port) with (output adj port) with ((switch\$4 or chang\$4 or alter\$4) with (source or device)))	9
<input type="checkbox"/>	L11	(short\$4 with (input adj port) with (output adj port) with (switch\$4 or chang\$4 or alter\$4))	58
<input type="checkbox"/>	L10	L1 same ((switch\$4 or chang\$4 or alter\$4) near5 (device or source))	4
<input type="checkbox"/>	L9	L2 same ((switch\$4 or chang\$4 or alter\$4) near5 (device or source))	0
<input type="checkbox"/>	L8	L2 with ((switch\$4 or chang\$4 or alter\$4) near5 (device or source))	0
<input type="checkbox"/>	L7	L2 with ((switch\$4 or chang\$4 or alter\$4) near5 source)	0
<input type="checkbox"/>	L6	L2 with (switch\$4 or chang\$4 or alter\$4)	9
<input type="checkbox"/>	L5	L1 with (switch\$4 or chang\$4 or alter\$4)	28
<input type="checkbox"/>	L4	L1 same (switch\$4 or chang\$4 or alter\$4)	46
<input type="checkbox"/>	L3	L2 same (switch\$4 or chang\$4 or alter\$4)	14
<input type="checkbox"/>	L2	(short\$4 near5 (connector or plug) near5 port)	95
<input type="checkbox"/>	L1	(short\$4 with (connector or plug) with port)	469

END OF SEARCH HISTORY

[First Hit](#) [Fwd Refs](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

Generate Collection

Print

L6: Entry 3 of 9

File: USPT

Sep 28, 1993

DOCUMENT-IDENTIFIER: US 5249224 A

TITLE: Methods and apparatus for providing reciprocal impedance conversion

Detailed Description Text (38):

Further included is a singing detector 142 which along with shorting jack 144 is used to perform an electronic alignment and unconditional stability test for the repeater. A conductive shorting plug inserted in shorting jack 144 will connect the switching equipment terminals of transformer 108 directly together to short circuit Port A. Insertion of the shorting plug in jack 144 will also open terminals 100-102 to disconnect the switching equipment. The singing detector 142 is connected through a decoupling capacitor 226 to the output of impedance conversion means 126. If the voltage is oscillating above a certain frequency, indicating that the repeater is singing, the AC voltage will be passed to the base of a PNP transistor 234 where it will develop a voltage across resistor 228. That voltage will turn the transistor 234 on such that it provides a conduction path through an LED 230, a load resistor 232, and its emitter to collector terminals. The conduction of current through the path will light the LED 230 to provide a visual indication that the repeater is in an unstable or singing mode.

[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

[First Hit](#) [Previous Doc](#) [Next Doc](#) [Go to Doc#](#)

End of Result Set

☐ [Generate Collection](#) [Print](#)

L6: Entry 9 of 9

File: JPAB

Feb 16, 1996

PUB-NO: JP408043463A

DOCUMENT-IDENTIFIER: JP 08043463 A

TITLE: CIRCUIT NETWORK MEASURING INSTRUMENT AND CALIBRATION METHOD

PUBN-DATE: February 16, 1996

INVENTOR-INFORMATION:

NAME

COUNTRY

YANAGAWA, KOICHI

ISHIHARA, ATSUSHI

IWAI, HIROYUKI

FURUKAWA, TATSUO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

HEWLETT PACKARD JAPAN LTD

APPL-NO: JP06194818

APPL-DATE: July 27, 1994

INT-CL (IPC): G01 R 27/28; G01 R 35/00

ABSTRACT:

PURPOSE: To reduce the number of times for removing a calibration standard in a circuit network measuring device with a number of measurement ports.

CONSTITUTION: A circuit network measuring instrument generally consists of a network analyzer 1 and a test set 2. The test net 2 is provided with a calibration port 4. The calibration port is constituted of a connector and three standards (open-circuited, short-circuited, and reference impedance) are connected inside via a selection switch. For calibrating, first one measurement port of the circuit network measuring instrument is calibrated with three external impedance standards as standard, three impedances of the internal calibrator are calibrated using the port, and further another measurement port is connected to the calibration equipment for calibrating the measurement port. The three impedances of the built-in calibrator can be automatically switched by the switch of the calibration equipment according to logic operation control, thus reducing the number of removal of the standard.

COPYRIGHT: (C) 1996, JPO

[Previous Doc](#) [Next Doc](#) [Go to Doc#](#)